

## Appendix A

### CS-118.ST25.07-03-2008 SEQUENCE LISTING

<110> Zimmerman, Daniel H  
 Charoenvit, Yupin  
 Rosenthal, Kenneth  
 Whelan, Mike

<120> METHODS FOR TREATING DISEASES OR CONDITIONS WITH PEPTIDE  
 CONSTRUCTS

<130> CS-118

<140> US 10/502,328

<150> US 60/350,032  
 <151> 2002-01-23

<150> US 60/349,982  
 <151> 2002-01-23

<150> US 60/349,983  
 <151> 2002-01-23

<150> PCT/US03/01816  
 <151> 2003-01-23

<160> 28

<170> PatentIn version 3.2

<210> 1  
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Glu Lys Ala Gly Val Val Ser Thr Gly Leu Ile Gln Asn Gly Asp  
 1 5 10 15

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<223> X is A or N and when X is A, then A is either cyclohexylalanine or D-alanine

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<222> (15)..(15)

<223> highly variable fragment wherein isoleucine at 143 and leucine at 159 in contact with CD4 phenylalanine as the 43 residue

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Asn Gly Gln Glu Glu Lys Ala Gly Val Val Ser Thr Gly Leu Ile Gly  
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Gly Gly

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<222> (1)..(1)

<223> cyclohexylalanine, D-alanine, acetyl, C1Ac, BrAc

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<222> (1)..(1)

<223> Xaa is an amino acid V, L, I, G or A

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<222> (5)..(5)

<223> Xaa is an amino acid V, L, I, G or A

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<222> (7)..(7)

<223> Xaa is an amino acid V, L, I, G or A

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Xaa Glu Glu Thr Xaa Gly Xaa Ser Gln Leu Glu Val Gly Gly Gly

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Gly Gly

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<212> PRT

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Gly

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 <223> analogues such as substituted epsilon amino (methyl, alkyl)  
 Lysine or hydroxy-Leucine or Leucine

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Xaa Gly Gln Glu Glu Xaa Ala Gly val Val Ser Thr Gly Leu Ile Gly  
 1 5 10 15

Gly Gly

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Gly Gly

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Xaa Thr Val Gly Val Ser Gln  
 1 5



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Gly Gly Gly

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Gly

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 1          5          10         15

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1

5

10

15

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Asn Gly Asp Trp Thr Phe Gln Thr Leu Val  
 20 25

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1

5

10

15

Asp Gly Asp Trp Thr Phe Gln Thr Leu Val  
 20 25

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Thr Phe Gln Thr Leu Val  
20

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<223> gamma aminobutyric acid (gaba) or 3 amino propanoic acid (apa)

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CS-118.ST25.07-03-2008

Xaa Gly Gly Ile Leu Gly Thr Ser Val Val Ala Lys Glu Glu Gln Gly  
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Asp